

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A parking lock for a brake of a vehicle, which parking lock has the form of a unit surrounding a piston rod of a service brake actuator, which parking lock unit comprises an electrically actuated locking means, characterized in that the parking lock unit comprises a magnetic housing, enclosing an electromagnet and a plurality of ~~jaws~~ jaw members, a portion of the jaw members which contacts the piston rod being moveable in a radial direction in the parking lock unit, and further characterized in that the jaw members have grooves on the side turned towards the piston rod and that the piston rod has annular grooves on the outer periphery and in the area for the parking lock unit and/or that the magnetic housing.
2. (original) The parking lock of claim 1, characterized in that the locking means is self-locking.
3. (previously presented) The parking lock of claim 1, characterized in that the piston rod is received in a central opening of the parking lock unit and that the piston rod is axially moveable in relation to the parking lock unit.
4. (currently amended) The parking lock of claim 3, characterized in that the ~~jaws~~ jaw members received in the magnetic housing form a ring surrounding the piston rod.

5. (withdrawn-currently amended) The parking lock of claim 4, characterized in that a ring is received in the magnetic housing, which ring is made of a magnetically isolating material and is facing the jaws jaw members and that each jaw member has a conical surface for co-operation with a conical surface of the ring.

6. (previously presented) The parking lock of claim 1, characterized in that coils forming the electromagnet are received in a circular recess in the magnetic housing.

7. (currently amended) The parking lock of claim 1, characterized in that ~~the jaws have grooves on the side turned towards the piston rod and that the piston rod has grooves on the outer periphery and in the area for the parking lock unit and/or that the magnetic housing and the jaws~~ jaw members are made of a magnetic material.

8. (currently amended) The parking lock of claim 7, characterized in that the grooves of the piston rod and the jaws jaw members, respectively, have the form of threads.

9. (currently amended) The parking lock of claim 1, characterized in that the parking lock unit comprises three to six jaws jaw members evenly distributed around the piston rod.

10. (currently amended) The parking lock of claim 1, characterized in that jaw return springs are placed between adjacent jaws jaw members to urge the jaws jaw members radially outwards.

11. (withdrawn-currently amended) The parking lock of claim 1, characterized in that an annular tension spring is arranged to urge the ~~jaws~~ jaw members radially inwards.

12. (previously presented) The parking lock of claim 1, characterized in that the magnetic housing is urged against a domed part by means of a spring, which is acting between a shoulder of the magnetic housing and an outer housing of the parking lock unit, whereby any radial movement of the piston rod, caused by a lever of the brake acting on the piston rod, is taken up by movement between the magnetic housing and the domed part.

13. (withdrawn-currently amended) The parking lock of claim 1, characterized in that a plate of a magnetic material is placed in a recess on the ~~jaws~~ jaw members and that the plate has a radial extent corresponding to the position of the electromagnet.

14. (withdrawn) The parking lock of claim 1, characterized in that the piston rod is formed of two parts, which are axially moveable in respect of each other, and whereby one of the parts of the piston rod is free to move axially even if the other part is locked by the parking lock.

15. (currently amended) The parking lock of claim 4, characterized in that each jaw member has a conical surface for co-operation with a conical surface of the magnetic housing.

16. (currently amended) The parking lock of claim 9, characterized in that the parking lock unit comprises three ~~jaws~~ jaw members.

17. (currently amended) A parking lock for a brake of a vehicle, which parking lock has the form of a unit surrounding an axially moveable piston rod of a service brake actuator, which parking lock unit comprises an electrically actuated locking means, characterized in that:

the parking lock unit comprises a magnetic housing, enclosing an electromagnet and a plurality of jaws jaw members, a portion of the jaw members which contacts the piston rod being moveable in a radial direction in the parking lock unit, the jaws jaw members, when locked, preventing axial movement of the piston rod,

the jaw members have grooves on the side turned towards the piston rod and that the piston rod has annular grooves on the outer periphery and in the area for the parking lock unit and/or that the magnetic housing; and

the magnetic housing is urged against a domed part by means of a spring, which is acting between a shoulder of the magnetic housing and an outer housing of the parking lock unit, whereby any radial movement of the piston rod, caused by a lever of the brake acting on the piston rod, is taken up by movement between the magnetic housing and the domed part.